

Founded as
the Official News Organ
of Technology

The Tech

Established 1881

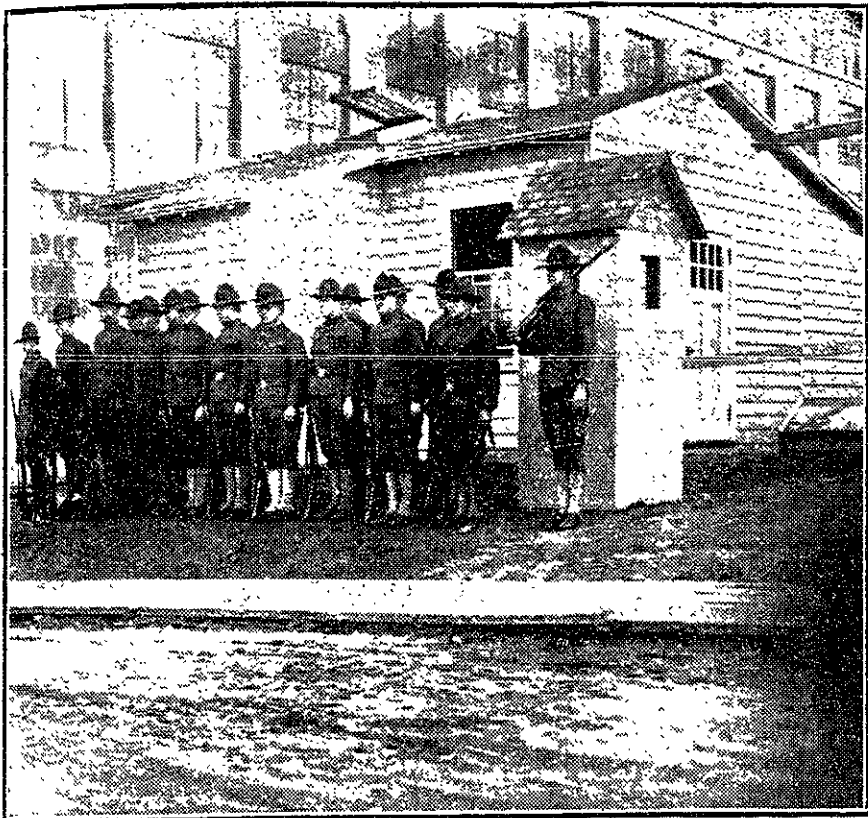
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Vol. 39 No. 28

CAMBRIDGE, MASS., SATURDAY, NOV. 23, 1918

Price Three Cents

S. A. T. C. INFORMAL GUARD-MOUNTING



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DETAIL OF GUARD IN FRONT OF S. A. T. C. GUARD-HOUSE GOING THROUGH THEIR DAILY ROUTINE. THE GUARD IS CHANGED ONCE IN TWENTY-FOUR HOURS.

NAVAL ORCHESTRA IS PROGRESSING RAPIDLY

To Give Dance And Concert At
Sargent's In Cambridge, And
Probably at Wellesley. Prac-
tice in "Y" Hut

LEARNING NEW PIECES

The musical organizations of the Naval Unit are progressing rapidly under the direction of Chief Woodworth. Organized October 25th, the orchestra has improved steadily and the final cuts have been made. Daily rehearsals of the orchestra are held in the Y. M. C. A. but from 5.30 to 7.00 P. M. The management hopes to give a concert and dance in the near future. Trips in and around Boston will be made during the season for giving concerts and dances. The funds will be used for the benefit of the men in the Naval Unit to provide for recreation and amusement. December 7th the orchestra expects to give a concert and dance at Sargent's in Cambridge. Later one may be given at Wellesley. The number already mastered are "Selection 1918 Follies," "Sinbad Foxtrot," "Chasing Rainbows," and "Hindustan." "Kala" from "Bagdad" is nearing perfection.

The directing staff is as follows:

(Continued on Page 3)

PHOTOGRAPHS

FOR REGISTRATION

To complete the registration for the Institute, students are asked to present three copies of their photographs, bearing their autographs. These photographs, not larger than 11-2 by 2 inches, may be taken in Room 3-115 between the hours of ten and three, beginning Monday, November 25.

One of the photographs is for the Dean, one for the Bursar, and one for the registrar. Men should get their pictures taken as soon as possible.

WALTER HUMPHREYS.
Registrar.

CHICAGO EDITORIAL ON S. A. T. C. IN THE WEST

The following editorial, which has been taken from the Chicago Herald-Examiner, shows well the status of the S. A. T. C. in the western colleges. It touches upon engineering students especially:

The Students' Army Training Corps has proved an interesting experiment. It was a paper scheme, cut to an ingenious pattern. It has not fitted the situation exactly, but how could it.

It was planned to give young men simultaneous training in military affairs and in academic subjects. It has worked out more on the line of a loosely run cantonment with educational decorations. Especially for technical students—medical students, engineering students, chemical students—it has so far been pretty nearly a failure. The men who do most of their educational work in laboratories have found that they have too little time for study. A good many men of this sort are already planning to take this year's work all over again when they are discharged from service.

"Even the 'ordinary' students who are trying to learn mathematics and French and English have had their troubles. At the University of Illinois the month of October was found to have been so largely wasted that on November 1 they decided on a fresh start: they began all their classes over again. Scores of men reported that they had been unable to attend a single class in the first thirty days.

"The National Association of State Universities, which has just met in Chicago, recommends a readjustment of college curricula by January 1. It wishes the S. A. T. C. continued, but wants its work better defined. The net result will be to give many thousands of boys an interest in higher education. And that at least is pure gain.

S. A. T. C. DISCHARGES UNCERTAIN

There has been a rumor around the school that a course or two would be dropped owing to the increase in the schedules of many of the fellows in the S. A. T. C. Hearing of this THE TECH sent a reporter to get official word on the question. Mr. Humphreys said that there was absolutely no truth in the rumor: nothing whatsoever has been nor will be done in this line.

EXTRACT FROM LET- TER RECEIVED FROM PRESIDENT MACLAU- RIN, NOVEMBER 20, 1918

"It is of utmost importance to preserve the morale of the men and get them to settle down as speedily as possible to serious academic pursuits. Orders have gone forth from the military authorities to keep the military work very strictly within the hours assigned, and not to impose any kind of duty that will conflict at all with academic requirements.

It seems to me that not a day should be lost in placing before the students and faculty a clear understanding of the fact that the return to peace conditions must be made as speedily as possible. The students should understand that the motive before them is now the ordinary academic motive of working for a degree, and the faculty should bend its energies to the task of modifying the courses so as to minimize the difficulties of the transition."

NOW COLONEL COLE

Edwin T. Cole Receives His Pro-
motion Thursday

With a shiny eagle on each shoulder and five stripes on his sleeve, the once Major and now Colonel Cole has just right to be happy. Colonel Cole has followed a military career throughout his life. He graduated from the United States Military Academy in 1889 and



COLONEL EDWIN T. COLE

received his commission as a second lieutenant in the 8th Infantry the same year. In 1896 he became first lieutenant in the 6th Infantry and in 1898 served in the Spanish-American War. In

(Continued on page 3)

The Annual Fall Handicap Track Meet will be held at three P. M. November 23, 1918, on the Athletic Field. It will be open to all men who are now taking track. All events will be held except the hurdles. Sign up in the track house. Paul N. Anderson, Manager.

Ensign Joseph Warren Homer, Jr., '19 Has Succumbed To Pneumonia In England



Courtesy of Brookline Chronicle

ENSIGN Joseph Warren Homer, Jr., of the United States Naval Reserve Flying Corps, died of pneumonia at the Naval Hospital in London on November 9. Joe Homer, Brookline High School, '15, Technology '19, was an all-round athlete, fond of football and tennis and more recently of "rugger" and soccer. He was a good swimmer and especially happy when on a spirited horse. He was born in Roxbury, April 11, 1897, but soon afterwards came to Brookline to live and attended the schools here. After his course at the High School he attended the Stone School, Boston, to prepare for Tech which he entered with the class of 1919.

(Continued on page 3)

ROGERS TO LECTURE

Professor Robert E. Rogers of the English Department will lecture on "War Plays, American and Allied," Sunday afternoon, November 24, at 3.30 in the lecture room of the Boston Public Library. The lecture is the first of a series of five talks on "The Drama of the Allies" in the Drama League section of the regular Sunday lectures at the Library.

PROF. DEWEY LECTURES

Natural Resources of Europe
Discussed.

Professor Dewey, head of the Department of Economics at the Institute, lectured Monday, Tuesday and Wednesday of this week in Room 10-250 to the students in War Issues, on "The Natural Resources of Europe." He illustrated his lecture with charts showing the area, population, and density in population, which aided the students in following the lecture. Professor Dewey told how the population of Europe had doubled during the last century, and that this had been one of the chief factors in causing nations to seek colonies, which would serve, either as outlets for the surplus population, or as sources of food for the people at home. Two other reasons for the seeking of colonies are the excess of the

(Continued on page 2)

FACULTY MEETING IS HELD ON THE 20TH

No Final Examinations Will Be
Held. Vacation To Last From
December 21st to 30th. One
Day For New Year

SPECIAL COMMITTEE APPOINTED

The length of the holidays and the question of examinations was determined at a special meeting of the faculty on Wednesday afternoon. The first term will end on Saturday, December 21, and the second term will begin on Monday, December 30. The S. A. T. C. will not be permitted to enjoy all of the holiday, unfortunately. The first half of the men will be given leave for the first half of the vacation, and the other half, for the remainder of the time. January 1 will be given as a holiday in the same manner as Thanksgiving. A fact which will cause great joy is the announcement that there will be no examinations at the end of this term. This will permit the students to enjoy their holidays, which would ordinarily be too short to recover from the arduous work of preparing for the examinations.

Whether the schedule will be changed

(Continued on page 3)

The Tech

Established 1881

Published twice a week throughout the year by the students of the MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Entered as second-class matter, September 16, 1911, at the Post Office at Boston, Mass., under the act of Congress of March 3, 1879. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized on July 19, 1918.

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Subscription \$1.50 for 53 issues, in advance. Single copies three cents.
Subscriptions within the Boston Postal District or outside the United States must be accompanied by postage at the rate of one cent a copy. Issues mailed to all other points without extra charge.

Although communications may be published unsigned if so requested, the name of the writer must in every case be submitted to the editor. **THE TECH** assumes no responsibility, however, for the facts as stated nor for the opinions expressed.

The Editor-in-Chief is always responsible for the opinions expressed in the editorial columns, and the Managing Editor for the matter which appears in the news columns.

IN CHARGE OF THIS ISSUE

Edward A. Ash Oct. '20 Night Editor
F. W. Adams '21 H. C. Gayley Oct '20

SATURDAY, NOVEMBER 23, 1918

"WHERE DID YOU GET YOUR FACTS?"

THE spreading of idle rumors in the S. A. T. C. has reached the proportions of a public nuisance. Baseless reports of the wildest sort have gained circulation, regarding the possible time of disbanding of the unit, and similar questions. The natural excitement accompanying the signing of the armistice has grown into restlessness, despite the definite announcement that academic work must now be put first.

It is up to every man in the unit to handle his technical work in a competent manner, regardless of when the S. A. T. C. may be discontinued: his future career may depend on his present exertions, and the faculty has given assurance that the work of this term will count toward a degree, in the usual manner.

Concentration on the job in hand has been badly hampered by the fertile crop of "latrine rumors" that is undermining the morale of the Post. While it is possible that some of these may be started by hostile agents, the majority are traceable to triflers whose tongues wag with easy irresponsibility.

It is the plain duty of every man in the organization to help cut out these baseless canards, whether started idly, or with malice aforethought.

The next time some one relays such a report on to you, come back at him with the answer that crippled the Huns' propaganda: "WHERE DID YOU GET YOUR FACTS?" Track that rumor to its lair. It will probably turn out to be a pure invention or else a rank perversion of some chance remark, let drop from "the inside."

This sort of thing can be stopped by the men in both the Army and Navy refusing to be guilible as heretofore. Not until the individual members of both units return to a normal state of mind can the work of the Institute go on profitably.

Let public opinion once be directed against the man who is credulous enough to believe all he hears, and thoughtless enough to pass it on with exaggerations, and the present dangerous unrest will quickly disappear.

YOUR CHANCE

THE men in the M. I. T. Battalion are offered the chance to make up their noticeable deficit in contributions to the War Work Fund. Contributions will still be accepted at the Bursar's Office. Come on, you men that did not give anything at all, here is your chance to erase the bad name that you have given the Battalion.

NEVER before in the history of the Institute have the faculty shown such sympathy for the students who were down in their studies. The old fashioned remedy was to drop the men who failed to measure up to requirements. Now, however, the whole student body is finding it difficult to do the work under the existing conditions, and they find that the faculty are entirely in sympathy with them. There is little doubt that Technology will have to follow the example of some of the western universities sooner or later and make a fresh start; that is, begin the term over. The point is, however, that much time would be saved if a new start were made now instead of in January. There would be little objection to this arrangement, as few of the men have gotten much more than a superficial smattering of their courses.

PERSONALS

Miss Wai Tsu New, who has lived in the home of Mr. and Mrs. Frederick Holbrook of Boston and Brattleboro since she came from Shanghai, China, 10 years ago to be educated in this country, and Yangmo Kuo, a graduate student, were married at noon today in St. Michael's Episcopal Church. The Rev. W. C. Bernard, rector, officiated. The bride was given in marriage by her friend, the Rev. W. D. Roberts of St. John's Church, East Boston.

The couple wore Chinese costumes and Yangmo wore pearls in the bride's hair before the ceremony. The bride completed a course in Radcliffe College last June, and after Yangmo completes his studies he and his bride will return to Shanghai.

Yangmo Kuo is a graduate student and lives at 85 Trowbridge street. He graduated from the Tangshan Engineering College, Wushu, Kiang Su, China.

Mr. and Mrs. Francis A. Ware, parents of Ernest A. Ware '09, write as follows to the Technology War Service Auxiliary:

"Yesterday we received a letter from Lieut. Norman S. Hill on behalf of the 506th Engineers, giving particulars. He died of pneumonia at 6 p. m. October 11th and was buried with military honors Sunday, October 13th in the Tallance Cemetery, Bordeaux. He received his Captain's commission while he was sick.

"We are one of many—our boy was a soldier, enlisted because he thought it was his duty and we must also be soldiers and have the same high sense of duty that he had."

VISITORS IN THE TECHNOLOGY BUREAU

From October 23 to October 30, Inclusive.

October 23, 1918.
Charles H. Alden, '90; Donald E. Woodbridge, '16; Edward T. French, '89.

October 24, 1918.
C. J. Davis, '16; Lucius T. Hill, '16; Prosper Whiting, '89.

October 25, 1918.
J. J. Hart, Jr., '13.

October 26, 1918.
Elton T. Walker, '90; Tenney L. Davis, '13; L. B. Cahill, Jr., '19.

October 27, 1918.
Irving G. Hall, '18; Benj. M. Greely, Jr., '18; Frances Stern, '13.

October 28, 1918.
James C. Irwin, Jr., '18; Ralph P. Newhall, '17; Philip L. Sall, '15; Henry C. Clayton, '18; Walter Pond, '17; Collier Cobb, Jr., '18; John A. Parker, '18.

October 29, 1918.
Richard G. Knowland, '13; Elbert D. Greene, '10; R. E. Heffer, '15; Wm. W. Eaton, '17; Wm. C. Lynch, '12.

October 30, 1918.
Donald B. Sanger, '10; Robert M. Allen, '16; Paul H. Buxton, '16.

There was quite a commotion in the S. A. T. C. barracks on Tuesday last. Owing to the prevalent conditions in the barracks, it was found necessary to remove all the surplus beds, and for a while there was quite a lively mix-up.

The trouble developed because of the fact that the actual number of men in the barracks was less than had been previously planned for; therefore the "bed"-lam.

NAVAL AVIATION SHOW

As a merry and complete climax to the series of shows given by the men of the receiving ship, Flight 34 entertained the men, on Tuesday evening in Room 10-250 of the Institute, with a combined vaudeville, minstrel and musical show called "Taps." Each flight of the Naval Aviation Detachment has, as it passed from the receiving ship to the main ship, entertained in a similar way. Flight 34 is the last flight to occupy the receiving ship, which will be closed on Monday of next week. Consequently, this last celebration was a notable occasion, named in a peculiarly fitting way, "Taps."

"Taps" was opened by the audience of men from the receiving ship, 200 men of the D section which is to leave soon, and several visiting officers, who sang in unison "The Star Spangled Banner."

Then followed five acts of excellent and pleasing vaudeville. Edward W. Stitt, son of Real-Admiral Stitt of the Medical corps in Washington, entitled his violin solo "Miss Stitt and her beau."

"Warbles from Birdland" was a whistling act by Hugo Vogel, who for three years was a member of the Cornell Glee Club. W. W. Claffin's reading, "The Shooting of Dan McGrew," was killing. The following act by Robert H. Ware, son of "Dick" Ware familiar in Boston amateur theatricals, was the very clever feature "Fond Smoking Memories." Sylvanus Stokes, Jr., Frank C. Simmons, and W. H. Matchette completed this joyous group of acts with a series of black-face songs and dances.

Their appearance was introductory to the performance of Sam Sargent's Merry Minstrels whose interlocutor was F. W. Bryant and who called each other by the endearing terms, "Tennessee" Jones, "Work-Squad" Baker, "Marblehead" Deery, and "Rear-Rank" Mathias. They agreed that "Tennessee" led with his rollicking fun and clever wit.

NO COURSES DISCONTINUED

There seems to be a rumor current at the Institute that several courses were to be discontinued. Mr. Humphreys said that all statements to that effect were absolutely false. No plans have been even considered for such a move, let alone their being carried out.

SIMPLE SUNDAY SERVICES HELD AT Y. M. C. A. HUT

The "Y" is increasingly the gathering place on Sundays. The day is opened at 9 o'clock by a religious service, the only one of the week in the entire Institute. This service is informal and simple. The Secretary calls it "The Uneda kind." As an example last Sunday morning "The Challenge of Peace," was informally discussed with special emphasis upon the relation of Christian principles to World Reconstruction. Next Sunday morning Mr. Palmquist will lead in a discussion upon "Prayer—Its Value." During the hours of Sunday the building is used by a large number of men who enjoy a quiet place in which to read. At 6:30 Sunday evenings there is held "The Fire-Side Forum." The speaker this coming Sunday is Capt. John Brainerd, who will tell of his experiences in France. After the forum the men generally leave for their study hour, leaving those who are for any reason privileged to remain to enjoy the pleasant fire-side.

COLONEL COLE URGES MORALE BE KEPT UP

The following letter has been received from Colonel Cole in which he urges the members of the S. A. T. C. to uphold their morale, and not to let it slip now that peace times have come. He emphasizes the fact that this branch of the service will probably continue for quite a while, and the rumors that it will be broken up at the end of the term are all false.

November 21, 1918.

There is absolutely no foundation for rumors that the S. A. T. C. will be disbanded at the end of this calendar year. I have received three orders, all issued in the last few days, prescribing rules for the next term, and if the S. A. T. C. is mustered out it will be on account of a decision made later and not now contemplated.

The Institute will go back to regular courses next term, that is, will omit special subjects imposed as part of the War course. The most important thing for members of the S. A. T. C. at the present time is to settle down and drop rumors and go to work, as whatever may be done in the future as to the organization, the work of the present term will count for a degree and will have to be passed satisfactorily or repeated. Lose sight of foolish talk about being interfered with by the military work, etc. The time allotted to study and the time allotted to sleep are both greater than the average given to either any time in the past history of the Institute before the S. A. T. C. was established.

DR. DEWEY LECTURES

(Continued from page 1)


birth rate over the death rate and the improved methods in transportation.

He then discussed the principal countries separately. England was the first country to be discussed, as it was the first to take up manufacturing. It was also the only one to adopt free trade, thereby putting an end to the small farmers. This made it necessary for England to keep the trade routes open in order not to starve. France and Germany were the only two other countries which he considered. Both of these kept a high tariff which protected the small farmer, making them practically self-dependent as far as food was concerned. One of the most important matters which concerned these two countries is the iron district of Lorraine. This was seized by Germany in 1870, and will now return to France, but one of the questions to be decided at the peace table is whether the neighboring coal district in Germany will be turned over to France to work her iron. Professor Dewey concluded the lecture by showing that the main settlement in this war would be not only on the basis of nationality, but also on natural resources.

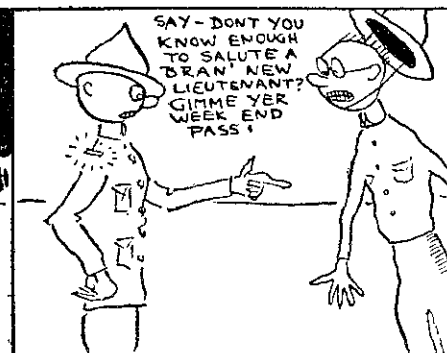
LATIN-AMERICAN CLUB TO HOLD A MEETING SATURDAY

A meeting of the Latin-American Club has been called by Vice-President de Zubiria in room 2-190 for one o'clock, Saturday, November 23. All men from Latin-American countries at the Institute are eligible for membership in the club. Last year there were about 50 members; several dances were given, as were also other parties. The purpose of the club is to promote the relations between the Latin-American students and their North American brothers.

THREE WONDERFUL LETTERS TO HOME FROM TECHNOLOGY



SAY - DON'T YOU KNOW ENOUGH TO WRITE A DEAR NEW LIEUTENANT? GIMME YER LETTERS AND PASS!



HALT! WHERE'S YER PASS?

Dear May:

I am enclosing a photo of myself showing wounds I received in the battle of "Influencia." Strange to say, I was "shot" by one of our own men - a member of the hospital corps. I have not yet seen any real action excepting one battle, but we are not allowed to frequent the front.

Dear Myrtle:

I will not be home this week because my officer has asked me to sacrifice my vacation in other interests of discipline. Of course, my officer knows me. Anytime I'm asked to do anything I'll do it. So I agreed to remain on duty. You will understand, Myrtle. I have no doubt in our hearts that he is a German because he

Dear Hagop:

I just received my uniform and it fits me immensely. It's a bit worn out the AM. gaiters clean - and they're right. I must rewash my uniform. I'm glad I found the navy shoe of the old army. The fellows in the army have some awfully unpleasant tasks to perform. We have it on them every time. For instance, only this morning, I was ordered to lead my men



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LOST

November 7th, 1 polyphase duplex
Kettel & Esser Slide Rule, in
leather case. Name, "F. W. Spaulding,
Naval Unit" on outside Return for
reward to Spaulding, Barrack C,

NOTICE

The S. A. T. C. Mess Hall is now open to all
persons connected with the Institute.

Use the door nearest the Main Buildings.

Regular S. A. T. C. ration at 35 cents per
meal.

Pay the Cashier.

NAVAL ORCHESTRA

(Continued from page 1)

Chief Woodworth: C. L. Eksergian, di-
rector; Ramsey, Mgr.; R. J. Spitz, Asst
Mgr.; Thompson, librarian; Cliff, prop.
mgr. The personnel comprises: Pur-
itan, pianist; Mendelbaum, Sherbrook,
Hughes, Horlick, Burroughs, Knox, 1st
violinists; Cohen, Kearful, Briggs,
Rundlett, Bartholomew, 2nd violins;
Curry, cellist; Richardson, Wilson,
flutes; Potter, oboe; Smith, Dirksen,
clarinets; Gray, bassoon; Gill, Robbins,
trumpets Dennison, trombone; Duge,
McCullen bass; Geyer, drum.

In addition to the regular orchestra
a Jazz orchestra and a band have been
formed. These organizations hold regu-
lar rehearsals and are doing good
work. The men in the Jazz orchestra
are: Knox, pianist; Horlick, (Sher-
brook), violin; Burroughs, banjo; Ek-
sergian or Gurry, cello; Smith, saxa-
phone; Geyer, drum; Richardson, pic-
colo.

COLONEL COLE

(Continued from page 1)

1899 he became captain 11th Infantry
and served in the Philippine Campaigns.
In 1910 he was transferred to the 6th
and later to the 8th Infantry. In 1911
he became a major and retired from ac-

tive service on account of disability in
line of duty and commenced his work
as Professor of Military Science and Tac-
tics at the Institute.

The order which announces his pro-
motion follows:

WAR DEPARTMENT

Washington, Nov. 19, 1918.

Special Orders
No. 271-P

Extract

By direction of the President the ad-
vancement to the grade of Colonel on the
retired list of the Army, to date from
July 9, 1918, of Major Edwin T. Cole,
United States Army retired, under a
provision of Section 24 of an Act of
Congress approved June 3, 1916, amend-
ed by an Act of Congress approved July
9, 1918, is announced.

By order of the Secretary of War:
PEYTON C. MARCH,
General Chief of Staff.

OFFICIAL:

P. C. HARRIS,
The Adjutant General.

NOTICE

Emma Rogers Hostess Room for
members of the S. A. T. C. and S. N.
T. C. and their friends, open week-
days, except Satprday from 4-7 p. m.
and Saturdays 1-4 p. m.

ENSIGN HOMER DIES

(Continued from page 1)

While there he was much interested in the activities. He was
a substitute on his class football team and rowed on the class crew.
He became one of the reporters on "The Tech" and on April 1,
1916, was made Associate Editor.

At the time of the opening of the new Tech buildings Joe took
no part in the great pageant and celebrations which were then going
on but attended to the drudgery of gathering news and hustling out
the daily editions of "The Tech."

He was an active member of the S. A. E. Fraternity in the good
fellowship of which he took keenest pleasure.

But in December, 1916, he decided to get into more definite
work and found such an opportunity in the Potomac Cotton Mills
of New Bedford. He was given the "run of the Mill" and was
learning all about cotton from the opening of the bale to the finished
shirting.

But the War made him uneasy again. He wanted to be "in it."
So, in June, 1917, in the Charlestown Navy Yard, he enlisted as a
volunteer in the service of the United States, with the promise of be-
ing an aviator. In August of that year he joined the Aviation De-
tachment Corps at Massachusetts Institute of Technology. On Oc-
tober 27, 1917, he sailed for England, being one of fifteen men who
volunteered to go over to learn to fly "Blimps."

After a cold, bleak winter of strenuous study and severe phys-
ical training and adventure at various ground schools and naval
airship stations on the coast of England, he received a pilot's li-
cense. Last spring he was established on the south coast of Eng-
land, doing convoy and observation work over the English channel.
He was twice lost in fog. Once he was blown sixty miles north of
his course, his airship being damaged after landing. Again he was

(Continued on page 4)

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FACULTY MEETING

(Continued from page 1)

so it will include more academic work
than at present, or whether it will con-
sist entirely of academic work, was left
to a special committee of the faculty,

of which Professor Spofford is the head.
Colonel Cole, speaking to the faculty,
said that the S. A. T. C. was likely
to continue for some time. The com-
mittee is awaiting President MacLaurin,
who will arrive today. A definite an-
nouncement will very probably be made
on Monday.

DUPONT AMERICAN INDUSTRIES



Explosives to Dyes

The evolution from explosives to dyes is the log-
ical development of the dyestuffs industry from
both a chemical and engineering standpoint.

First, the explosive manufacturer starts with the
necessary raw materials. In his munitions plants
he produces the bases which are required. The
immense output of his acid plants is at his disposal.
In his chemical factories he manufactures many of
his principal intermediates.

He has at his command unequalled plant and
laboratory facilities for the production and develop-
ment of the intricate by-products of the coking in-
dustry, equally useful in the making of military
high explosives and in the manufacture of dye in-
termediates and dyestuffs.

His chemical and engineering organization has
had long training in the closely related explosives
industry and is able through the experience gained
to overcome difficulties which would be insuper-
able to others less fortunately situated.

As the world's largest anufacturer of explosives
the Du Pont Company enjoys these advantages to
an unusual degree. It has already made possible
the laying of a broad and secure foundation and the
development of dyestuffs of the greatest commer-
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It is the strongest guarantee of the permanency
of our undertaking and of the final emancipation of
the dyestu s industry from foreign domination.

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Substitutes
The Arlington Works, 725 Broadway, New York, N. Y., Ivory
Py-ra-lin and Cleanable Collars
Harrison Works, Philadelphia, Pa., Paints, Pigments, Acids and
Chemicals
Du Pont Dyestuffs Works, Wilmington, Delaware, Coal Tar
Dyestuffs



War Service Auxiliary

491 Boylston St., Boston

The only way of getting things across to the University Union is through the courtesy of men going over. We urgently ask that those who can take anything from a pair of socks to a trunk over with them to get in touch with us.

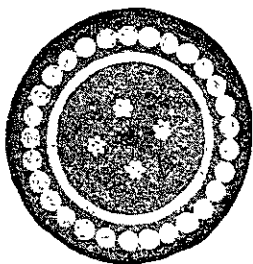
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ested in Technology wel-
come, as visitor or worker.

Technology Bureau**University Union**

8 Rue Richelieu, Paris

London Branch, London

JOSEPH WARREN HOMER, JR.

(Continued from page 3)

blown eighty miles south, landing for a few minutes on the north coast of France. He steered home by compass, landing within two miles of his destination. In August he was transferred from Eastbourne, England, to a station near Edinburgh, Scotland, and was made third officer of one of the largest airships, a "Rigid" about 300 feet long, and since then had been flying out over the North Sea. Having established a reputation as an all-round naval airship pilot, he was last month sent to London Headquarters where, according to a letter to his father written October 25, he was "taking a course in structure and design of airships," and hoping "to get on to the Staff and feeling "fit as a king."

He was the only son of Joseph Warren and Constance Homer of Brookline. He leaves his parents, two sisters, Mrs. Edwin S. Parker of Jamaica Plain, and Mrs. Richard W. Crocker of Brookline, and hosts of loving friends.

He held his course high o'er the restless deep,

His boon companion was the morning star

He watched; and now the stars his vigils keep—

His flight is winged to where all heroes are.

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